



PATENT  
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Brian Horsburgh et al.	Art Unit:	1636
Serial No.:	10/701,152	Examiner:	Not Yet Assigned
Filed:	November 4, 2003	Customer No.:	21559
Title:	Artificial Chromosome Constructs Containing Foreign Nucleic Acid Sequences		

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Applicants submit the references listed on the enclosed Form PTO-1449.

Submission of this statement is not a representation that a search has been made, nor is the inclusion of information in this statement an admission that the information is material to patentability.

Under 35 U.S.C. § 120, this application relies on the earlier filing date of application serial number 09/922,271, which was filed on August 3, 2001. The following references were submitted to and/or cited by the Office in the prior application and, therefore, copies of these references are not provided for this application.

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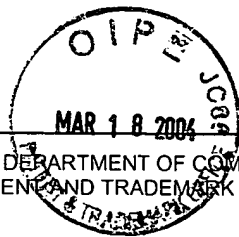
03-2095.

Respectfully submitted,

Date: March 16, 2004

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SUBSTITUTE FORM PTO-1449 (MODIFIED)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		Attorney Docket No. 08582/007003		
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)  (37 CFR §1.98(b))		Serial No. 10/701,152		Applicant Brian Horsburgh et al.		
		Filing Date November 4, 2003		Group 1636		
		IDS filed March 16, 2004		Customer No. 21559		
U.S. PATENTS						
Examiner's Initials	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date (If Appropriate)
	5,288,641	02/22/94	Roizman			
	5,501,979	03/26/96	Geller et al.			
	5,585,096	12/17/96	Martuza et al.			
	5,658,724	08/19/97	DeLuca			
	5,776,745	07/07/98	Ketner et al.			
FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION						
	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation (Yes/No)
	0 453 242 A1	23.10.91	Europe			
	WO 90/09441	23.08.90	PCT			
	WO 95/03400	02.02.95	PCT			
	WO 96/04394	15.02.96	PCT			
	WO 96/26267	29.08.96	PCT			
	WO 97/05263	13.02.97	PCT			
	WO 97/30732	28.08.97	PCT			
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)						
	Ascenzioni et al., "Mammalian Artificial Chromosomes - Vectors for Somatic Gene Therapy," Cancer Letters 118:135-142, 1997.					
	Bilbao et al., "Adenoviral/retroviral Vector Chimeras: a Novel Strategy to Achieve High-efficiency Stable Transduction in Vivo," The FASEB Journal 11:624-634, 1997.					
	Burke, "Special Section: Yeast Artificial Chromosome Cloning; YAC cloning: options and problems," GATA 7:94-99, 1990.					
	Chiou et al., "Mutations in the Herpes Simplex Virus Major DNA-Binding Protein Gene Leading to Altered Sensitivity to DNA Polymerase Inhibitors," Virology 145:213-226, 1985.					
EXAMINER			DATE CONSIDERED			
EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with the next communication to applicant.						

Sheet 2 of 2

SUBSTITUTE FORM PTO-1449 (MODIFIED)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	Attorney Docket No.	08582/007003
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		Group	1636
		IDS Filed	March 16, 2004
		Customer No.	21559
OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION)			
	Horsburgh et al., "Allele Replacement: an Application That Permits Rapid Manipulation of Herpes Simplex Virus Type 1 Genomes," Gene Therapy 6:922-930 (1999).		
	Ketner et al., "Efficient Manipulation of the Human Adenovirus Genome as an Infectious Yeast Artificial Chromosome Clone," Proc. Natl. Acad. Sci. U.S.A. 91:6186-6190, 1994.		
	Messerle et al., "Cloning and Mutagenesis of a Herpesvirus Genome as an Infectious Bacterial Artificial Chromosome," Proc. Natl. Acad. Sci. U.S.A. 94:14759-14763, 1997.		
	Monaco et al., "YACs, BACs, PACs, and MACs: Artificial Chromosomes as Research Tools," TIBTECH 12:280-286, 1994.		
	Saeki et al., "Herpes Simplex Virus Type 1 DNA Amplified as Bacterial Artificial Chromosome in Escherichia coli: Rescue of Replication-Competent Virus Progeny and Packaging of Amplicon Vectors," Human Gene Therapy 9:2787-2794, 1998.		
	Shizuya et al., "Cloning and Stable Maintenance of 300-kilobase-pair Fragments of Human DNA in Escherichia coli using an F-factor-based Vector," Proc. Natl. Acad. Sci. U.S.A. 89:8794-8797, 1992.		
	Wang et al., "Complete Nucleotide Sequence of Two Generations of a Bacterial Artificial Chromosome Cloning Vector," BioTechniques 23:992-994, 1997.		
	Yang et al., "Homologous Recombination Based Modification in Escherichia Coli and Germline Transmission in Transgenic Mice of a Bacterial Artificial Chromosome," Nature Biotechnology 15:859-865, 1997.		
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